09/449,699

Refine Search

Search Results -

Terms	Documents
L10 and L3	3

Database:
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US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

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[Recall Text] [Clear] [Interrupt]

Search History

DATE: Thursday, December 15, 2005   Printable Copy   Create Case

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

Set Name	Query	Hit Count	Set Name
L13	L10 and L3	3	L13
L12	L9 and L3	0	L12
L11	L8 and L3	0	L11
L10	358/1.16-1.18.ccls.	3042	L10
L9	715/530.ccls.	1048	L9
L8	715/517-520.ccls.	861	L8
L7	L1 and (pagination or re-pagination or repagination)	1	L7
L6	L3 and (pagination or re-pagination or repagination)	0	L6
L5	L3 and ((number$4 or re-number$3) same page$1)	60	L5
L4	(select$4 same virtual print$3 same physical print$3)	19	L4
L3	(select$4 same virtual same physical same print$3)	139	L3
L2	L1 and (select$4 same virtual same physical same print$3)	30	L2
L1	virtual print$4	557	L1

Hit List

Search Results - Record(s) 1 through 19 of 19 returned.

☐ 1.   Document ID: US 20050088681 A1

Using default format because multiple data bases are involved.

```
L4: Entry 1 of 19                        File: PGPB                    Apr 28, 2005

PGPUB-DOCUMENT-NUMBER: 20050088681.
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050088681 A1

TITLE: Information processing apparatus, image processing method, and program

PUBLICATION-DATE: April 28, 2005

INVENTOR-INFORMATION:
NAME                            CITY              STATE     COUNTRY
Hosoda, Yasuhiro                Kanagawa                    JP

US-CL-CURRENT: 358/1.14; 358/1.15, 718/100
```

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 2.   Document ID: US 20040254911 A1

```
L4: Entry 2 of 19                        File: PGPB                    Dec 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040254911
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040254911 A1

TITLE: Recommender system and method
```

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 3.   Document ID: US 20040070788 A1

```
L4: Entry 3 of 19                        File: PGPB                    Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040070788
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040070788 A1
```

TITLE: Method and apparatus for routing pages to printers in a multi-print engine as a function of print job parameters

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 4. Document ID: US 20030011805 A1

L4: Entry 4 of 19   File: PGPB   Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030011805
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030011805 A1

TITLE: DIRECTING PRINT JOBS IN A NETWORK PRINTING SYSTEM

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 5. Document ID: US 20020116291 A1

L4: Entry 5 of 19   File: PGPB   Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020116291
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020116291 A1

TITLE: Recommender system and method

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 6. Document ID: US 20020051174 A1

L4: Entry 6 of 19   File: PGPB   May 2, 2002

PGPUB-DOCUMENT-NUMBER: 20020051174
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020051174 A1

TITLE: Method, system and storage medium for document processing

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 7. Document ID: US 20010013948 A1

L4: Entry 7 of 19   File: PGPB   Aug 16, 2001

PGPUB-DOCUMENT-NUMBER: 20010013948

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010013948 A1

TITLE: Printer, data processing apparatus, data transmitting apparatus, print
control apparatus, printing system, recording medium, and print control method

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 8.   Document ID: US 20010013947 A1

L4: Entry 8 of 19   File: PGPB   Aug 16, 2001

PGPUB-DOCUMENT-NUMBER: 20010013947
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010013947 A1

TITLE: Method and system for submitting jobs to a reproduction center

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 9.   Document ID: US 6804022 B2

L4: Entry 9 of 19   File: USPT   Oct 12, 2004

US-PAT-NO: 6804022
DOCUMENT-IDENTIFIER: US 6804022 B2
** See image for Certificate of Correction **

TITLE: Printer, data processing apparatus, data transmitting apparatus, print
control apparatus, printing system, recording medium, and print control method

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 10.   Document ID: US 6798530 B1

L4: Entry 10 of 19   File: USPT   Sep 28, 2004

US-PAT-NO: 6798530
DOCUMENT-IDENTIFIER: US 6798530 B1

TITLE: Systems, methods and graphical user interfaces for printing object optimized
images using virtual printers

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 11.   Document ID: US 6606165 B1

L4: Entry 11 of 19   File: USPT   Aug 12, 2003

US-PAT-NO: 6606165
DOCUMENT-IDENTIFIER: US 6606165 B1

TITLE: Method and apparatus for routing pages to printers in a multi-print engine as a function of print job parameters

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 12.   Document ID: US 6552813 B2

L4: Entry 12 of 19   File: USPT   Apr 22, 2003

US-PAT-NO: 6552813
DOCUMENT-IDENTIFIER: US 6552813 B2

TITLE: Directing print jobs in a network printing system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 13.   Document ID: US 5903716 A

L4: Entry 13 of 19   File: USPT   May 11, 1999

US-PAT-NO: 5903716
DOCUMENT-IDENTIFIER: US 5903716 A

TITLE: Virtual printer

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 14.   Document ID: US 5638497 A

L4: Entry 14 of 19   File: USPT   Jun 10, 1997

US-PAT-NO: 5638497
DOCUMENT-IDENTIFIER: US 5638497 A

TITLE: Virtual printer

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 15.   Document ID: US 5371837 A

L4: Entry 15 of 19   File: USPT   Dec 6, 1994

US-PAT-NO: 5371837
DOCUMENT-IDENTIFIER: US 5371837 A

TITLE: Virtual printer

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

□ 16. Document ID: JP 2004240589 A

L4: Entry 16 of 19   File: JPAB   Aug 26, 2004

PUB-NO: JP02004240589A
DOCUMENT-IDENTIFIER: JP 2004240589 A
TITLE: PRINTING SYSTEM, METHOD OF CONTROLLING IT, AND INFORMATION PROCESSING
APPARATUS AND METHOD

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

□ 17. Document ID: NNRD436145

L4: Entry 17 of 19   File: TDBD   Aug 1, 2000

TDB-ACC-NO: NNRD436145

DISCLOSURE TITLE: SYSTEM PERFORMANCE MODELING ENHANCEMENTS TO A VIRTUAL
ARCHITECTURE

PUBLICATION-DATA:
IBM technical Disclosure Bulletin, August 2000, UK

ISSUE NUMBER: 436
PAGE NUMBER: 1462

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reserved.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

□ 18. Document ID: US 6850335 B1

L4: Entry 18 of 19   File: DWPI   Feb 1, 2005

DERWENT-ACC-NO: 2005-160466
DERWENT-WEEK: 200570
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TITLE: Multi-print engine for virtual printing system, has single routing
information protocol engine to generate and distribute rasterized page data in
parallel to selected physical print engines according to associated print job
parameters

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

19. Document ID: US 5859711 A

L4: Entry 19 of 19   File: DWPI   Jan 12, 1999

DERWENT-ACC-NO: 1999-120172
DERWENT-WEEK: 200570
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TITLE: Electrophotographic printer module - groups number of print engine
associated with each virtual printer, according to different characteristic of
engines

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Terms	Documents
(select$4 same virtual print$3 same physical print$3)	19

Display Format: |- | Change Format

Previous Page   Next Page   Go to Doc#

Refine Search

Search Results -

Terms	Documents
L1 and (multiple same application$1)	7

Database:

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US Patents Full-Text Database
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EPO Abstracts Database
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Derwent World Patents Index
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Search: `L6` ▲ ▼   [Refine Search]

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Search History

DATE: Thursday, December 15, 2005   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB; PLUR=YES; OP=ADJ			
L6	L1 and (multiple same application$1)	7	L6
L5	(judg$6 or select$4) and virtual printer$1 and physical printer$1 and (page$1 same (number$3 or renumber$3 or re-number$3))	11	L5
DB=PGPB,USPT; PLUR=YES; OP=ADJ			
L4	L1 and (multiple same application$1)	18	L4
L3	(judg$6 or select$4) and virtual printer$1 and physical printer$1 and (page$1 same (number$3 or renumber$3 or re-number$3))	29	L3
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L2	L1 and (multiple same application$1)	18	L2
L1	(judg$6 or select$4) and virtual printer$1 and physical printer$1 and (page$1 same (number$3 or renumber$3 or re-number$3))	30	L1

END OF SEARCH HISTORY

09/449,699

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Relevance scale ☐ ◨ ◪ ◼ ◼

1 Storage reorganization techniques for matrix computation in a paging environment   ◼
Patrick C. Fischer, Robert L. Probert
July 1979 **Communications of the ACM**, Volume 22 Issue 7

Publisher: ACM Press

Full text available: 📄 pdf(900.05 KB)   Additional Information: full citation, references, citings

Keywords: data reorganization, matrix multiplication, pagination, paging, transpose, virtual memory

2 The "Virtual University": toward an Internet paradigm?   ◼
Linda Carswell
August 1998 **ACM SIGCSE Bulletin , Proceedings of the 6th annual conference on the teaching of computing and the 3rd annual conference on Integrating technology into computer science education: Changing the delivery of computer science education ITiCSE '98**, Volume 30 Issue 3

Publisher: ACM Press

Full text available: 📄 pdf(665.20 KB)   Additional Information: full citation, abstract, references, citings, index terms

Universities make the assumption that providing distance education is a simple process of translating from one medium to the next: the current popular medium being the Internet. However, the danger in this approach is two fold. First, if the components of distance education are ill understood then an inappropriate pedagogy and strategy may result. Second, a lack of understanding of the properties of the Internet as a medium may cause unrealistic and unrealisable expectations. Thus the inappropri ...

Keywords: Virtual University, distance education, synchronous and asynchronous teaching, teaching via the Internet

3 Interactive Editing Systems: Part II   ◼
Norman Meyrowitz, Andries van Dam
September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Publisher: ACM Press

Full text available: 📄 pdf(9.17 MB)   Additional Information: full citation, references, citings, index terms

4 Virtual Memory

Peter J. Denning
September 1970 **ACM Computing Surveys (CSUR)**, Volume 2 Issue 3
Publisher: ACM Press
Full text available: pdf(2.63 MB)   Additional Information: full citation, references, citings, index terms

5 Tools for the development of application-specific virtual memory management

Keith Krueger, David Loftesness, Amin Vahdat, Thomas Anderson
October 1993 **ACM SIGPLAN Notices , Proceedings of the eighth annual conference on Object-oriented programming systems, languages, and applications OOPSLA '93**, Volume 28 Issue 10
Publisher: ACM Press
Full text available: pdf(1.88 MB)   Additional Information: full citation, references, citings, index terms

6 Optimal pagination of B-trees with variable-length items

George Diehr, Bruce Faaland
March 1984 **Communications of the ACM**, Volume 27 Issue 3
Publisher: ACM Press
Full text available: pdf(499.95 KB)   Additional Information: full citation, references, citings, index terms

Keywords: B-tree, database, dynamic programming, index, network algorithms, searching, storage structure, tree

7 DOTSYS III: a portable Braille translator

Joseph E. Sullivon
March 1975 **ACM SIGCAPH Computers and the Physically Handicapped**, Issue 15
Publisher: ACM Press
Full text available: pdf(524.02 KB)   Additional Information: full citation, references

8 Paging as a "language processing" task

Michael W. Condry
January 1981 **Proceedings of the 8th ACM SIGPLAN-SIGACT symposium on Principles of programming languages**
Publisher: ACM Press
Full text available: pdf(1.19 MB)   Additional Information: full citation, abstract, references

This paper examines "language processing" approach to paging where the of the programming language compiler or interpreter is responsible for generating the necessary control code for the page management of a program. We explore this idea for *APL* and describe an approach to incorporating in a program the necessary paging functions. The semantics of *APL* computation are examined to observe how paging operations can be incorporated into the computation. We discuss a model of data acce ...

9 Hints for computer system design

Butler W. Lampson

October 1983 **ACM SIGOPS Operating Systems Review , Proceedings of the ninth ACM symposium on Operating systems principles SOSP '83,** Volume 17 Issue 5

Publisher: ACM Press

Full text available: pdf(1.73 MB)   Additional Information: full citation, abstract, references, citings, index terms

Experience with the design and implementation of a number of computer systems, and study of many other systems, has led to some general hints for system design which are described here. They are illustrated by a number of examples, ranging from hardware such as the Alto and the Dorado to applications programs such as Bravo and Star.

10 Markup systems and the future of scholarly text processing

James H. Coombs, Allen H. Renear, Steven J. DeRose

November 1987 **Communications of the ACM,** Volume 30 Issue 11

Publisher: ACM Press

Full text available: pdf(1.91 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

Markup practices can affect the move toward systems that support scholars in the process of thinking and writing. Whereas procedural and presentational markup systems retard that movement, descriptive markup systems accelerate the pace by simplifying mechanical tasks and allowing the authors to focus their attention on the content.

11 MCTS customer task environment

R. R. Brown

October 1975 **ACM SIGOPS Operating Systems Review,** Volume 9 Issue 4

Publisher: ACM Press

Full text available: pdf(2.04 MB)   Additional Information: full citation, references

12 DOTSYS III: A portable braille translator

J. E. Sullivan

August 1973 **Proceedings of the annual conference**

Publisher: ACM Press

Full text available: pdf(573.60 KB)   Additional Information: full citation, abstract, references, index terms

The subject of braille translation is not a widely familiar one, so that a brief introduction to that topic would seem to be in order before taking up DOTSYS III. Most people know what braille is in general—a coding system employing raised dots so that the sense of touch alone suffices to read. However, contrary to the impression one gets from those little cards, the most widely used codes are not "substitution ciphers"—that is, the braille equivalent of a given &ldq ...

13 Cliché-based program editors

Richard C. Waters

January 1994 **ACM Transactions on Programming Languages and Systems (TOPLAS),** Volume 16 Issue 1

Publisher: ACM Press

Full text available: pdf(3.22 MB)   Additional Information: full citation, references, citings, index terms, review

Keywords: abstract syntax tree schemas, computer-aided software engineering (CASE), plan diagrams, reuse

14 Document presentation: Support for arbitrary regions in XSL-FO

Ana Cristina B. da Silva, Joao B. S. de Oliveira, Fernando T. M. Mano, Thiago B. Silva, Leonardo L. Meirelles, Felipe R. Meneguzzi, Fabio Giannetti

November 2005 **Proceedings of the 2005 ACM symposium on Document engineering DocEng '05**

Publisher: ACM Press

Full text available: pdf(520.86 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

> This paper proposes an extension of the XSL-FO standard which allows the specification of an unlimited number of arbitrarily shaped page regions. These extensions are built on top of XSL-FO 1.1 to enable flow content to be laid out into arbitrary shapes and allowing for page layouts currently available only to desktop publishing software. Such a proposal is expected to leverage XSL-FO towards usage as an enabling technology in the generation of content intended for personalized printing.

> **Keywords**: LaTeX, SVG, XML, XSL-FO, arbitrary shapes, digital publishing, typesetting

15 <u>The UNIX time-sharing system</u>

Dennis M. Ritchie, Ken Thompson

January 1983 **Communications of the ACM**, Volume 26 Issue 1

Publisher: ACM Press

Full text available: pdf(740.92 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>

> UNIX is a general-purpose, multi-user, interactive operating system for the Digital Equipment Corporation PDP-11/40 and 11/45 computers. It offers a number of features seldom found even in a larger operating systems, including: (1) a hierarchical file system incorporating demountable volumes; (2) compatible file, device, and inter-process I/O; (3) the ability to initiate asynchronous processes; (4) system command language selectable on a per-user basis; and (5) over 100 subsystems including ...

> **Keywords**: PDP-11, command language, file system, operating system, time-sharing

16 The UNIX time-sharing system

Dennis M. Ritchie, Ken Thompson

July 1974 **Communications of the ACM**, Volume 17 Issue 7

Publisher: ACM Press

Full text available: pdf(1.15 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

> UNIX is a general-purpose, multi-user, interactive operating system for the Digital Equipment Corporation PDP-11/40 and 11/45 computers. It offers a number of features seldom found even in larger operating systems, including: (1) a hierarchical file system incorporating demountable volumes; (2) compatible file, device, and inter-process I/O; (3) the ability to initiate asynchronous processes; (4) system command language selectable on a per-user basis; and (5) over 100 subsystems including a ...

> **Keywords**: PDP-11, command language, file system, operating system, time-sharing

17 Ubiquitous B-Tree

Douglas Comer

June 1979 **ACM Computing Surveys (CSUR)**, Volume 11 Issue 2

Publisher: ACM Press

Full text available: pdf(1.37 MB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

18 <u>Interactive immersion in 3D graphics: Introduction</u>

Andrew Rosenbloom
August 2004 **Communications of the ACM**, Volume 47 Issue 8
Publisher: ACM Press
Full text available: pdf(278.70 KB)   Additional Information: full citation, abstract, index terms
html(11.69 KB)

Complex 3D worlds built from scientific data or transformed into multiplayer games can be experienced naturally, not just viewed through flat 2D windows.

19 <u>Process migration</u>

September 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 3
Publisher: ACM Press
Full text available: pdf(1.24 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>, <u>review</u>

Process migration is the act of transferring a process between two machines. It enables dynamic load distribution, fault resilience, eased system administration, and data access locality. Despite these goals and ongoing research efforts, migration has not achieved widespread use. With the increasing deployment of distributed systems in general, and distributed operating systems in particular, process migration is again receiving more attention in both research and product development. As hi ...

Keywords: distributed operating systems, distributed systems, load distribution, process migration

20 <u>The electronic RFP: changing the way the government does business</u>

Gail Thornburg
February 1996 **Proceedings of the 13th annual international conference on Systems documentation: emerging from chaos: solutions for the growing complexity of our jobs**
Publisher: ACM Press
Full text available: pdf(790.93 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

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